



DENNISON ASSOCIATES

151
#8
J. G.

DOUGLAS S. JOHNSON, Q.C., B.A.Sc.
NEIL McFATER, CMA
WARREN HALL, B.A.Sc., M.B.A.
T. SCOTT JOHNSON, B.A.(HONS.)
FRANK FARFAN, B.ENG., LL.B.
JOHN C. JEFFREY, B.Sc., M.Sc.
TONY BORTOLIN, B.A.A., LL.B.
JUDY WONG, B.Sc.(HONS.), LL.B.

PATENT AND TRADE MARK
AGENTS

PATENTS
TRADE MARKS
INDUSTRIAL DESIGNS
COPYRIGHTS

SUITE 301
133 RICHMOND STREET WEST
TORONTO, ONTARIO, CANADA
M5H 2L7

TELEPHONE: (416) 368-8313
FACSIMILE: (416) 368-1645

email: jjeffrey@patentrite.com

OUR REF: JJ-11 028US

February 24, 2006

Mail Stop Post Issue
Commissioner for Patents
P.O. Box 1450
Alexandria, VA
USA 22313-1450

Certificate
MAR 02 2006
of Correction

Attention: Certificate of Correction Branch

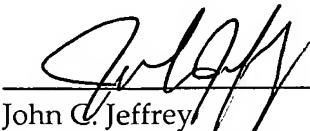
Dear Sir:

Re: United States Patent Application No. 6,648,330
Title: THREE DIMENSIONAL PUZZLE
Applicant: Michael Porter

Pursuant to receipt of the Letters Patent and due to a clerical error, the reference numerals 001, 100 and 110 were incorrect at the time of filing the above identified patent application. Please find enclosed the Certificate of Correction and charge our Deposit Account No. 040752 the \$100.00 fee. (The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to our Deposit Account No. 040752).

We look forward to receiving confirmation of the entry of the amendment into the application.

Respectfully submitted,


John C. Jeffrey
Registration No. 38,764
Tel: (416) 368-8313

JJ/jc
Enclosure

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTIONPATENT NO. : 6,648,330 *b7*Page 1 of 1

APPLICATION NO.: 10/071,093

ISSUE DATE : 11/18/2003

INVENTOR(S) : Michael Porter

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the drawings, Fig. 2, the reference numeral 001 was omitted as originally filed and should be located at the upper front left corner, reference numeral 100 should be replaced by 110 and reference numeral 100 should be located at the lower rear left corner.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

MAT

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,648,330 B2
APPLICATION NO. : 10/071093
DATED : November 18, 2003
INVENTOR(S) : Michael Porter

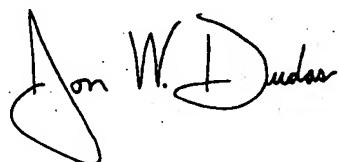
Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

The title page should be deleted and substitute therefore the attached title page as shown on the attached page.

Signed and Sealed this

Twenty-second Day of August, 2006



JON W. DUDAS
Director of the United States Patent and Trademark Office



US006648330B2 Page 2 of 3

2 page 293

Nov. 18, 2003

(12) **United States Patent**
Porter

(10) Patent No.: US 6,648,330 B2

(45) Date of Patent: Nov. 18, 2003

(54) THREE DIMENSIONAL PUZZLE

4,662,638	A	5/1987	Vacheck
4,699,602	A	10/1987	Giorgi
4,784,392	A	11/1988	Johnson et al.
4,844,466	A	* 7/1989	Johnson et al. 273/157 R
5,393,063	A	2/1995	Iohimaru
5,405,135	A	4/1995	Embro
5,868,388	A	* 2/1999	Wood et al. 273/157 R
6,095,521	A	8/2000	Patel

(76) Inventor: **Michael Porter, 360 A Bloor St. W
#19002, Toronto, Ont. (CA), M5S 1X1**

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: 10/071,093

(22) Filed: Feb. 11, 2002

(65) Prior Publication Data

US 2003/0151195 A1 Aug. 14, 2003

(51) Int. Cl.⁷ A63F 9/12
(52) U.S. Cl. 273/153 R; 273/156
(58) Field of Search 273/153 R, 156,
273/157; 434/403, 406, 433

(56) References Cited

U.S. PATENT DOCUMENTS

332,256 A	*	12/1885	Keeler	273/160
3,788,645 A	*	1/1974	Nelson	273/156
4,153,254 A		5/1979	Mare	
4,534,563 A	*	8/1985	Guenther	273/157 R

* cited by examiner

Primary Examiner—Kien T. Nguyen

(57) **ABSTRACT**

The present invention provides for a new three dimensional puzzle apparatus having fifteen geometrically different components which can be interconnected to form a four by four by four cube. The four by four by four cube is subdivided into sixty four equally sized smaller cubes. Each of the fifteen individual pieces have from one to six of such smaller cubes interconnected to one another to form a unique three dimensional shape. The fifteen pieces include one piece with one small cube, one piece with three small cubes, six pieces with four small cubes, six pieces with five small cubes and one piece with six small cubes. The three dimensional puzzle can be used as a toy or game as well as for educational and security purposes.

4 Claims, 3 Drawing Sheets

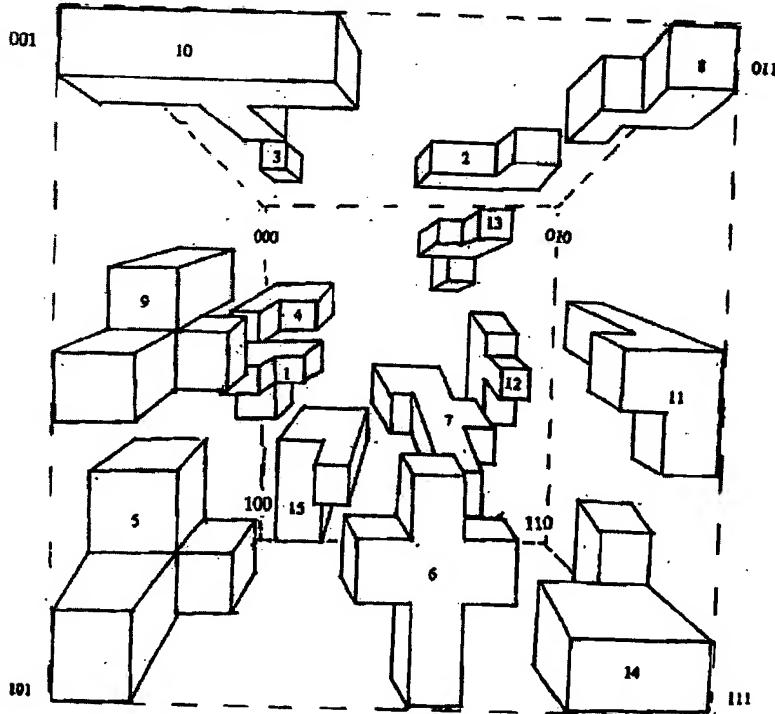
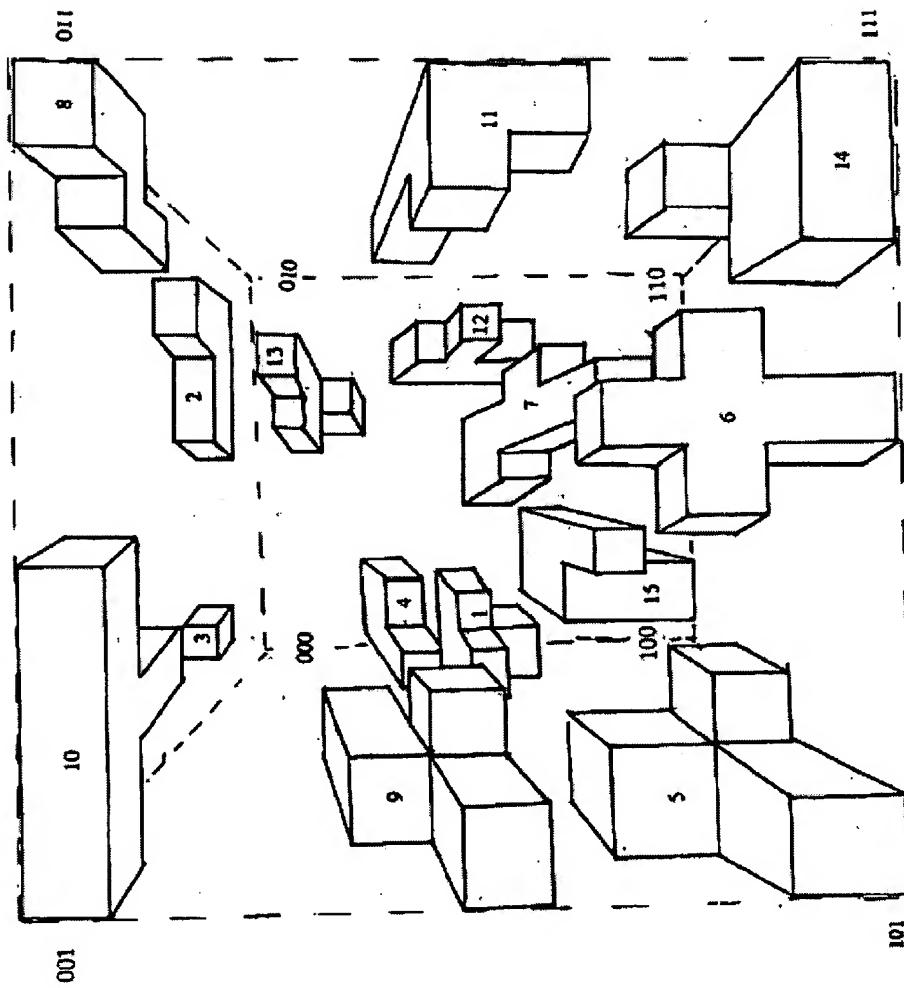


Figure 2



(12) **United States Patent**
Porter

(10) Patent No.: US 6,648,330 B2
(45) Date of Patent: Nov. 18, 2003

(54) THREE DIMENSIONAL PUZZLE

4,662,638 A	5/1987	Vachek
4,699,602 A	10/1987	Giorgi
4,784,392 A	11/1988	Johnson et al.
4,844,466 A	• 7/1989	Johnson et al. 273/157 R
5,393,063 A	2/1995	Iohimaru
5,405,135 A	4/1995	Embro
5,868,388 A	• 2/1999	Wood et al. 273/157 R
6,095,521 A	8/2000	Patel

(76) Inventor: Michael Porter, 360 A Bloor St. W
#19002, Toronto, Ont. (CA), M5S 1X1

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: 10/071,093

(22) Filed: Feb. 11, 2002

(65) Prior Publication Data

US 2003/0151195 A1 Aug. 14, 2003

(51) Int. Cl. 7 A63F 9/12
(52) U.S. Cl. 273/153 R; 273/156
(58) Field of Search 273/153 R, 156,
273/157; 434/403, 406, 433

(56) References Cited

U.S. PATENT DOCUMENTS

332,256 A	*	12/1885	Keeler	273/160
3,788,645 A	*	1/1974	Nelson	273/156
4,153,254 A		5/1979	Mare		
4,534,563 A	*	8/1985	Guenther	273/157 R

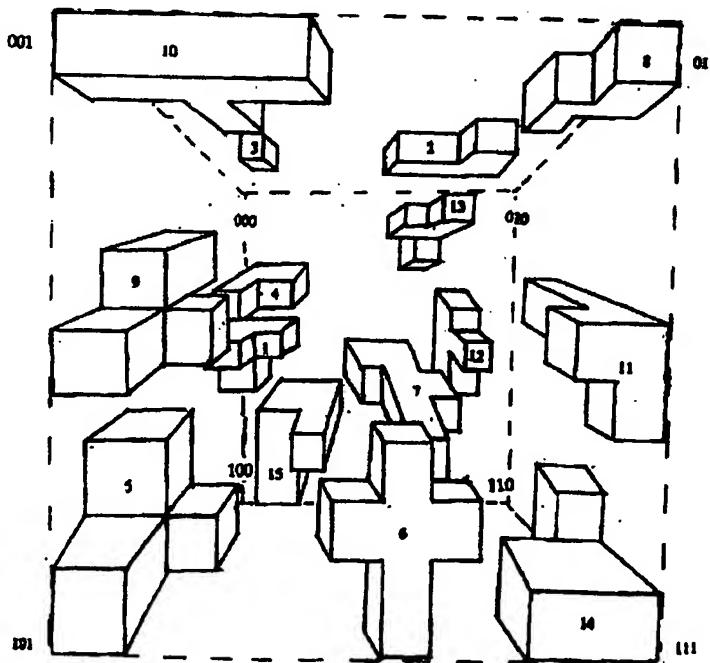
* cited by examiner

Primary Examiner—Kien T. Nguyen

(57) ABSTRACT

The present invention provides for a new three dimensional puzzle apparatus having fifteen geometrically different components which can be interconnected to form a four by four by four cube. The four by four by four cube is subdivided into sixty four equally sized smaller cubes. Each of the fifteen individual pieces have from one to six of such smaller cubes interconnected to one another to form a unique three dimensional shape. The fifteen pieces include one piece with one small cube, one piece with three small cubes, six pieces with four small cubes, six pieces with five small cubes and one piece with six small cubes. The three dimensional puzzle can be used as a toy or game as well as for educational and security purposes.

4 Claims, 3 Drawing Sheets



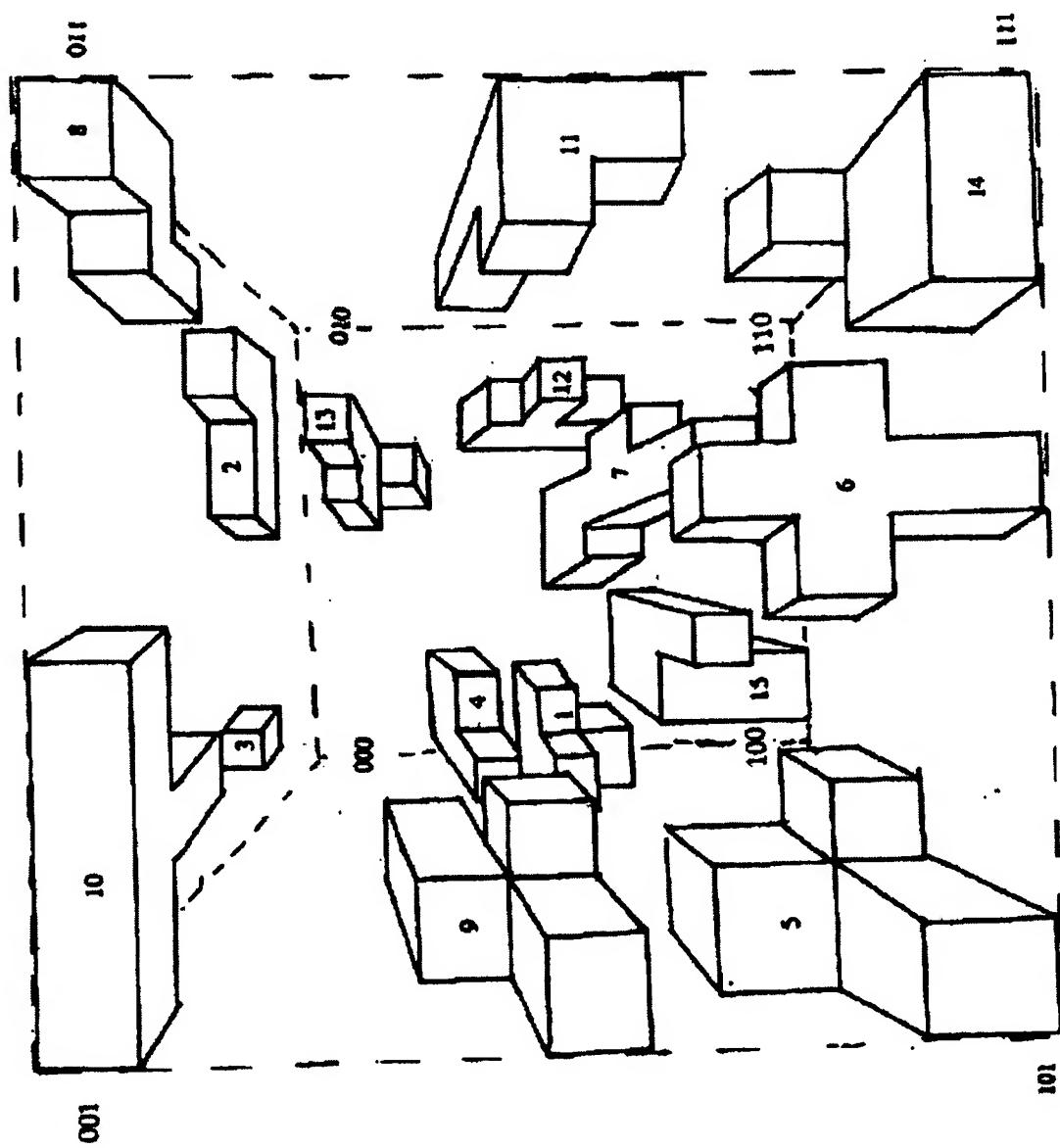
U.S. Patent

Nov. 18, 2003

Sheet 3 of 3

6,648,330 B2

Figure 2



UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

Pat 1083

PATENT NO.: 6,648,330 B2

DATED : November 18, 2003

INVENTOR(S) : Michael Porter

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

The title page should be deleted and substitute therefore the attached title page as shown on the attached page.